

Postgraduate Forum

BOOK AND ARTICLE NEWS

Book News

1. David X. Cifu Henry L Lew. Rehabilitation Care: A Clinical Handbook, 1st Edition, Elsevier, June 2017.
2. Stefano Masiero. Rehabilitation Medicine for Elderly Patients (Practical Issues in Geriatrics), Springer, Jun 2018.
3. Frank R Noyes. ACL Injuries in the Female Athlete: Causes, Impacts, and Conditioning Programs, 2nd Edition, Springer, Sep 2018.
4. Adrian Cristian. Central Nervous System Cancer Rehabilitation, Elsevier, Aug 2018.
5. Samer N Narouze. Atlas of Ultrasound-Guided Procedures in Interventional Pain Management, 2nd Edition: Springer, Jul 2018.

Article News

1. Babaei-Ghazani Arash, Nikbakht Nadere, Forogh Bijan. Comparison Between Effectiveness of Ultrasound-Guided Corticosteroid Injection Above Versus Below the Median Nerve in Mild to Moderate Carpal Tunnel Syndrome: A Randomized Controlled Trial. American Journal of Physical Medicine & Rehabilitation. June 2018;97(6):407-413.
2. Martin L Verra, Felix Angst, Roberto Brioschi, Susanne Lehmann, Thomas Benz, André Aeschlimann, Rob A De Bie, J Bart Staal. Effectiveness of subgroup-specific pain rehabilitation: a randomized controlled trial in patients with chronic back pain. European Journal of Physical and Rehabilitation Medicine. June 2018; 54(3):358-70.
3. Dinesh Kumbhare, Tori Sander, Liza Grosman-Rimon, John Srbely. A Survey of Physicians' Knowledge and Adherence to the Diagnostic Criteria for Fibromyalgia. Pain Medicine. June 2018, Volume 19, Issue 6, 1, p1254-1264.
4. Christian Larivière, Dany H Gagnon, Sharon M Henry, Richard Preuss, Jean-Pierre Dumas. The Effects of an 8-Week Stabilization Exercise Program on Lumbar Multifidus Muscle Thickness and Activation as Measured With Ultrasound Imaging in Patients With Low Back Pain: An Exploratory Study. PM&R Journal. May 2018, Volume 10, Issue 5, p483-493.
5. Jean-Sébastien Bourseul, Anais Molina, Mael Lintanf, Laetitia Houx, et al. Early Botulinum Toxin Injections in Infants with Musculoskeletal Disorders: A Systematic Review of Safety and Effectiveness. Archives of Physical Medicine and Rehabilitation. June 2018 Volume 99, Issue 6, p1160-1176.

REHAB QUIZ

1. Which fibers transmit poorly localized, dull, visceral pain to the spinal cord?
 - a. Myelinated A-alpha
 - b. Myelinated A-delta
 - c. Unmyelinated gamma
 - d. Unmyelinated C
2. Which assessment tool can be used to evaluate functional limitations in patients with myofascial pain?
 - a. McGill Pain Questionnaire
 - b. Numeric rating scale
 - c. Sickness Impact Profile
 - d. Minnesota Multiphasic Personality Inventory
3. A middle-aged man who fell on his outstretched arm has pain in his shoulder and is unable to initiate abduction of the arm. Examination reveals weakness of shoulder abduction and external rotation and tenderness under the acromion. What is the most likely diagnosis?
 - a. Partial C5 root avulsion
 - b. Clavicular fracture
 - c. Rotator cuff tear
 - d. Suprascapular nerve injury
4. A patient who sustained a stroke presents with spasticity in the wrist flexors which has been treated with botulinum toxin. Which modality will be most effective when applied to the wrist extensors?
 - a. Massage
 - b. Ultrasound
 - c. Muscle cooling
 - d. Electrical stimulation
5. A 77-year-old man who sustained a stroke with right hemiplegia and marked receptive aphasia three months ago is being evaluated for electromyographic and force biofeedback after developing improvements in voluntary motor control. You advise against this therapy because of his
 - a. age
 - b. aphasia
 - c. duration of stroke
 - d. shoulder subluxation
6. Following a burn injury, transparent custom total contact face mask orthoses are used to
 - a. cover the disfigurement
 - b. preserve facial contours
 - c. increase eyelid eversion
 - d. prevent infection
7. A patient with gangrene of the distal foot has the following segmental pressures.

a. Ankle brachial index	.50
b. Lower calf brachial index	.60
c. Upper calf	.90
d. Lower thigh	1.00
e. Upper thigh	1.20

 What level of amputation is recommended for optimal healing and ambulation?
 - a. Syme
 - b. Below knee
 - c. Above knee
 - d. Hip disarticulation
8. What is the most commonly used switch access method for alternative and augmentative communication devices?
 - a. Picture text scanning
 - b. Noun verb scanning
 - c. Row column scanning
 - d. Line checkbox scanning
9. In order to differentiate a lesion of the common peroneal (fibular) nerve from the deep peroneal (fibular) nerve at the fibular head, which muscle should be tested with needle electromyography?
 - a. Long head of the biceps femoris
 - b. Short head of the biceps femoris
 - c. Peroneus (fibularis) longus
 - d. Tibialis anterior
10. When a patient with cancer is returning home with hospice care, what is the most likely goal of inpatient rehabilitation?
 - a. Transfer training
 - b. Endurance training
 - c. Caregiver training
 - d. Contracture management

Answers of March 2018

1. d 2. b 3. d 4. b 5. a 6. d 7. c 8. c 9. a 10. a

REHAB CHALLENGE

A 5 years old girl presented in PMR OPD with absence of right distal forearm and right hand from birth, with reasonable length and shape of the residual limb (Fig.1). It was quite evident during her visit that she had a right sided predominance (Fig. 2). Her parents admitted her in normal school. But she is completely dependent on her mother on feeding, grooming, bathing and dressing. We discussed with her parents regarding the diagnoses and prognoses of Amelia.

Her intelligence and higher mental function was at par with her age. Her parents want to make her completely independent on her ADL and schooling. They are not really interested to opt for baseline prostheses to maintain the cosmeses only. She also likes art and craft and her parents want to groom her creative skills.

Please opine regarding her prosthetic management plans.



Fig. 1: Patient with genu varum



Fig. 2: X-ray showing advanced OA with genu varum

DATE OF RECEIVING AND ACCEPTANCE

S. No	Article Name	Author	Receive	Return
1.	Demographic profile of sport injury among cadets of National Defence Academy, Pune	Maj Mohit Kataruka, Col Mandeep Saini, Lt Col Manas Pattnaik	19.05.18	22.06.18
2.	Guillain -barre syndrome : profile of 120 patients with respect to response to various modalities of treatment	Dr Alak Pandit, Dr. Vishal Annaji Chafale, Dr. Satish Arunkumar Lahoti, Dr. Tajendranath Kundu	04.04.18	08.05.18
3.	Explaining variability of responses to an abridged version of International Classification of Functioning, Disability and Health (ICFDH) tool in community settings of Northern India.	Dr Dinesh Kumar, Dr. Sunil Kumar Raina Dr. Rajendra Prasad Dr. Ashok Kumar Bhardwaj	25.05.18	14.06.18
4.	Elephantiasis-a Disability?	Dr Dr V K Sreekala	16.02.18	15.04.18